

§102 Rejections

Claims 1, 2 and 4-15 were rejected under 35 U.S.C. §102(e) as being anticipated by Shiga et al. (U.S. Patent No. 6,005,562).

Applicants submit that the independent claims (claims 1, 4 and 8-11) are patentable over Shiga.

Applicants' invention as recited in the independent claims is directed toward the transmission and reception of program data, data related to the program data and data concerning the display of the program related data. Each of the claims recites that "the displaying of said program related information includes partitioning a display space into a predetermined number of boxes, partitioning said boxes into respective predetermined numbers of cells and displaying said program related information according to said predetermined number of boxes and said predetermined numbers of cells."

Shiga does not disclose displaying program related information by partitioning a display space into a predetermined number of boxes, partitioning the boxes into respective predetermined numbers of cells and displaying the program related information according to the predetermined number of boxes and the predetermined numbers of cells. Accordingly, Applicants believe that claims 1, 4 and 8-11 are patentable over Shiga on at least this basis.

Claim 2 depends on claim 1. Since claim 1 is believed to be patentable over Shiga, claim 2 is believed to be patentable over Shiga on the basis of its dependency on claim 1.

Claims 5-7, 12 and 15 depend on claim 4. Since claim 4 is believed to be patentable over Shiga, claims 5-7, 12 and 15 are believed to be patentable over Shiga on the basis of their dependency on claim 4.

Claim 13 depends on claim 9. Since claim 9 is believed to be patentable over Shiga, claim 13 is believed to be patentable over Shiga on the basis of its dependency on claim 9.

Claim 14 depends on claim 11. Since claim 11 is believed to be patentable over Shiga, claim 14 is believed to be patentable over Shiga on the basis of its dependency on claim 11.

Applicants respectfully submit that all of the claims now pending in the application are in condition for allowance, which action is earnestly solicited.

It is submitted that these claims, as originally presented, are patentably distinct over the prior art cited by the Examiner, and that these claims were in full compliance with the requirements of 35 U.S.C. §112. Changes to these claims, as presented herein, are not made for the purpose of patentability within the meaning of 35 U.S.C. §§101, 102, 103 or 112. Rather, these changes are made simply for clarification and to round out the scope of protection to which Applicants are entitled.

Statements appearing above with respect to the disclosures in the cited references represent the present opinions of the Applicants' undersigned attorney and, in the event that the Examiner disagrees with any such opinions, it is respectfully requested that the Examiner specifically indicate those portions of the respective reference providing the basis for a contrary view.


If any issues remain, or if the Examiner has any further suggestions,
he/she is invited to call the undersigned at the telephone number provided below.

The Examiner is hereby authorized to charge any insufficient fees or credit
any overpayment associated with the above-identified application to Deposit Account
No. 50-0320.

The Examiner's consideration of this matter is gratefully acknowledged.

Respectfully submitted,

FROMMER LAWRENCE & HAUG LLP

By: 
Bruno Polito
Reg. No. 38,580

VERSION WITH MARKINGS TO SHOW CHANGES MADE

Claims 1, 4 and 8-11 have been amended as follows:

--1. (Thrice Amended) A transmitter system for transmitting program related information relating to program information, comprising:

generating means for generating said program related information and display related information relating to displaying said program related information; and

transmitting means for transmitting said program related information and said display related information separately;

said generating means composing said program related information and said display related information of a first part including identification information for identifying said program related information and said display related information and a second part composed of actual data;

whereby said display related information includes information for initiating an operation in response to selection of a displayed item; and

whereby the displaying of said program related information includes partitioning a display space into a predetermined number of boxes, partitioning said boxes into respective predetermined numbers of cells and displaying said program related information according to said predetermined number of boxes and said predetermined numbers of cells.

4. (Thrice Amended) A receiver system for receiving program related information relating to program information, comprising:

receiving means for separately receiving said program related information and display related information relating to displaying said program related information; and

generating means for generating fourth information for displaying said program related information based on said program related information and said display related information;

whereby said display related information includes information for initiating an operation in response to selection of a displayed item; and

whereby the displaying of said program related information includes partitioning a display space into a predetermined number of boxes, partitioning said boxes into respective predetermined numbers of cells and displaying said program related information according to said predetermined number of boxes and said predetermined numbers of cells.

8. (Thrice Amended) A transmitting method for transmitting program related information relating to program information, comprising the steps of:

generating said program related information and display related information relating to displaying said program related information; and

transmitting said program related information and said display related information separately;

said generating step composing said program related information and said display related information of a first part including identification information for

identifying said program related information and said display related information and a second part composed of actual data;

whereby said display related information includes information for initiating an operation in response to selection of a displayed item; and

whereby the displaying of said program related information includes partitioning a display space into a predetermined number of boxes, partitioning said boxes into respective predetermined numbers of cells and displaying said program related information according to said predetermined number of boxes and said predetermined numbers of cells.

9. (Thrice Amended) A receiving method for receiving program related information relating to program information, comprising the steps of:

receiving separately said program related information and display related information relating to displaying said program related information; and

generating fourth information for displaying said program related information based on said program related information and said display related information;

whereby said display related information includes information for initiating an operation in response to selection of a displayed item; and

whereby the displaying of said program related information includes partitioning a display space into a predetermined number of boxes, partitioning said boxes into respective predetermined numbers of cells and displaying said program related

information according to said predetermined number of boxes and said predetermined numbers of cells.

10. (Thrice Amended) A transmission medium for transmitting a computer program for transmitting program related information relating to program information, said computer program comprising the steps of:

generating said program related information and display related information relating to displaying said program related information; and

transmitting said program related information and said display related information separately;

said generating step composing said program related information and said display related information of a first part including identification information for identifying said program related information and said display related information and a second part composed of actual data;

whereby said display related information includes information for initiating an operation in response to selection of a displayed item; and

whereby the displaying of said program related information includes partitioning a display space into a predetermined number of boxes, partitioning said boxes into respective predetermined numbers of cells and displaying said program related information according to said predetermined number of boxes and said predetermined numbers of cells.

11. (Thrice Amended) A transmission medium for transmitting a computer program for receiving program related information relating to program information, said computer program comprising the steps of:

receiving separately said program related information and display related information relating to displaying said program related information; and

generating fourth information for displaying said program related information based on said program related information and said display related information;

whereby said display related information includes information for initiating an operation in response to selection of a displayed item; and

whereby the displaying of said program related information includes partitioning a display space into a predetermined number of boxes, partitioning said boxes into respective predetermined numbers of cells and displaying said program related information according to said predetermined number of boxes and said predetermined numbers of cells.--